

| REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER 1130-2-316) | | | | | | Page 1 of 1 | | |
|--|----------------------|--------------------|-------------------|--|--------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------|
| | | | | | | November 2003 | | |
| TO: Chairman, Ocean, Highway & Port Authority P.O. Box 1543, Fernandina Beach, FL | | | | FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida | | | | |
| RIVER/HARBOR NAME AND STATE Fernandina Harbor, Nassau County, FL | | | | MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD | | | | |
| NAME OF CHANNEL | Date of Survey | AUTHORIZED PROJECT | | | Left Outside Quarter (feet) | Left Inside Quarter (feet) | Right Inside Quarter (feet) | Right Outside Quarter (feet) |
| | | Width (feet) | Length (miles) | Depth (feet) | | | | |

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|---|----------|----------|-----|----|----------|----------|----------|----------|
| Inner Channels: Cuts 1 thru 3 From Fort Clinch at P.I. with Kings Bay Entrance Channel to Old Town at red Buoy-6 | Oct-2003 | 400-1100 | 1.9 | 36 | 35.9 | 36.8 | 36.3 | 35.6 |
| Old Town: Cuts 4 thru 6 From red Buoy-6 to Nassau Terminal at red Buoy-10. | Oct-2003 | 400 | 1 | 36 | 37.3 | 35.7 | 37.1 | 33.2 (1) |
| Turning Basin: adjacent to Cuts 5 and 6, opposite Nassau Terminal | Oct-2003 | 0-450 | 0.3 | 35 | 36.6 | 36.0 | 33.9 (2) | 25.3 (2) |
| Port of Fernandina Berthing Area at Nassau Terminal | Oct-2003 | 0-100 | 0.2 | 36 | 31.8 (3) | 38.9 | 39.4 | 40.7 |
| Nassau Terminal: Cuts 6 & 6A From red Buoy-10 to southern end of Old Florida Terminal Corp. pier | Oct-2003 | 300 | 0.4 | 28 | 25.6 (4) | 25.5 (4) | 24.2 (4) | 22.7 (4) |
| From the Florida Terminal Corp. pier, south to the junction of the AIWW (South Amelia River), Cuts 7 thru 10 | Oct-2003 | 300 | 1.1 | 28 | 7.1 (5) | 7.0 (5) | 7.1 (5) | 10.4 (5) |
| Rayonier Reach: Turning Basin, adjacent to Cuts 8 & 9. | Oct-2003 | 0-315 | 0.3 | 28 | 11.6 (6) | 10.5 (6) | 9.4 (6) | 7.5 (6) |

Remarks:

1. Shoaling located along western edge of widener of Cuts-4 & 5, just north of red Buoy-8.
2. Shoaling located along western edge of Turning Basin.
3. Shoaling along face of Nassau Terminal dock.
4. Shoaling located throughout entire channel from approximately 700 feet south of red Buoy-10 to red Buoy-12.
5. Extensive shoaling throughout channel from red Light-12 to the end of the authorized channel. (see note)
6. Shoaling encompasses entire Turning Basin. (see note)

Note: Although the project south of Nassau Terminal is authorized a 28-foot deep channel, this portion of the channel is used primarily for navigation on the Intracoastal Waterway between Fernandina Beach and the south prong of the Amelia River. The Intracoastal Waterway is authorized as a 12-foot deep project.